

Please replace the paragraph (Table 25, Seq ID NO: 98) beginning at page 392, line 30, with the following:

--Seq ID NO: 98 Protein sequence:
Protein Accession #: NP_008981.1

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1      11      21      31      41      51
|      |      |      |      |
MAS 60
LAALALSLLL RLQLPPLPGA RAQSAPGGCS FDEHYSNCGY SVALGTNGFT WEQINTTEKP 120
MLDQAVPTGS FMMVNSSGRA SGQKAHLLP TLKENDTHCI DFHYFSSRD RSSPGALNVY 180
VKVNGGPQGN PVWNVSGVVT EGWVKAELAI STFWPHFYQV IFESVSLKGH PGYIAVDEVR 240
VLAHPCRKAP HFLRLQNVEV NVGQNATFQC IAGGKWSQHD KLWLQQWNGR DTALMVTRVV 300
NHRRFSATVS VADTAQRSVS KYRCVIRSDG GSGVSNY AEL IVKEPPTPIA PPELLAVGAT 360
YLWIKPNANS IIGDGPILK EYEYRTTGT WAETHIVDSP NYKLWHLDPD VEYEVLLT 420
RPGEGGTGPP GAPTTRTKC ADPVHGPQNV EIVDIRARQL TLQWEPFGYA VTRCHSYNLT 480
VQYQYVFNQQ QYEAEEVIQT SSHYTLRGLR PFMTIRLRL LSNPEGRMES EELVVQTEED 540
VPGAVPLESI QGGPFEEKIY IQWKPPNETN GVITLYEINY KAVGSLDPSA DLSSQRGKVF 600
KLNRNETHHLF VGLYPGTTY FTIKASTAKG FGPPVTTRIA TKISAPSMPE YDTPPLNET 660
DTTITVMLKP AQSRGAPSV YQLVVKEERL QKSRRAADII ECFSPVSYR NASSLDSLHY 720
FAAELKPANL PVTQFFTVD NKTNGYWNP PLSPLKSYSI YFQALSKANG ETKINCVRLE 780
TKAPMGSAQV TPGTPLCLLT TGASTQNSNT VEPEKQVDNT VKMAGVIAGL LMFIIILLGV 840
MLTIKRRRNA YSYSYLSQR KLAKKQKETQ SGAQREMGVP ASADKPTTKL SASRNDEGFS 900
SSSQDVNGFT DSGRGELSQP TLTQTHPYR TCDPVEMSYP RDQFQLAIRV ADLLQHITQM 960
KRGQGYGKE EYEALPEGQT ASWDTAKEDE NRKNRYGNI ISYDHSRVL LVLGDGPHSD 1020
YINANYIDGY HRPRIYATQ GPMQETVKDF WRMIWQENSA SIVMTNLVE VGRVKCVRYW 1080
PDDTEVYVDI KVTLIETPL AEYVIRFTV QKKGYHEIRE LRLFHTSWP DHGVPCYATG 1140
LLGFVRQVKF LNPPEAGPIV VHCSAGAGRT GCFIAIDTML DMAENEGVVD IFNCVRELRA 1200
QRVNLVQTEE QYVFVHDAIL EACLCGNTAI PVCEFRSLYY NISRLDPQTN SSQIKDEFQT 1260
LNIVTPRVRP EDCSIGLLPR NHDKNRMDV LPLDRCLPFL ISVDGESSNY INAALMDSHK 1320
QPAAFVVTQH PLPNTVADFW RLVFDYNCSS VVMLNEMDTA QFCMQYWPEK TSGCYGPIQV 1380
EFVSADDED IHRIFRICN MARPDGYRI VQHLQYIGWP AYRDTPPSKR SLLKVVRRL 1440
KWQEYDGRE GRTVVHCLNG GGRSGTFCAI CSVCEMIQQQ NIIDVFHIVK TLRNKNKSNMV 1500
ETLEQYKFVY EVALEYLSSF
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Please insert the accompanying paper copy of the Sequence Listing, page numbers 1-192, at the end of the application.

REMARKS

The amino acid sequence given in SEQ ID NO:96 on page 389, begins with the extraneous letters
"GIREFNP NIMANEVERINMITOSISGENEARELATEDKINASEHOMOSAPIENS" in addition to the one-letter code for amino acids present in the entry for GenBank Accession No. NP_002488, referenced on line 28. Indeed, these extraneous letters form portions of the title for this sequence in the GenBank entry. Similarly, the amino acid sequence given in SEQ ID NO:98 on page 392, begins with the extraneous letters

"GIREFNPPROTEINTYROSINEPHOSPHATASERECEPTORTYPETHOMOSAPIENS" in addition to the one-letter code for amino acids present in the entry for GenBank Accession No. NP_008981.1, referenced on line 31. Again, these extraneous letters form portions of the title for this sequence in the GenBank entry. The amino acid sequences entered into the Sequence Listing for SEQ ID NO:96 and SEQ ID NO:98 omitted these extraneous letters.

The above amended sequences correct errors of a typographical nature made without deceptive intent. One of ordinary skill in the art would immediately recognize these errors. Reference to the corresponding protein GenBank Accession No. in these two cases and the recognition of the "Coding sequence" from the corresponding nucleotide sequences directly above the sequences labeled "Protein sequence" allow correct amino acid sequences to be readily deduced. Thus, correction of these amino acid sequences introduces no new matter.

Applicants request entry of this amendment in adherence with 37 C.F.R. §§1.821 to 1.825. This amendment is accompanied by a floppy disk containing the above named sequences, SEQ ID NO:1-141, in computer readable form, and a paper copy of the sequence information which has been printed from the floppy disk.

The information contained in the computer readable disk was prepared through the use of the software program "PatentIn" and is identical to that of the paper copy. This amendment contains no new matter.

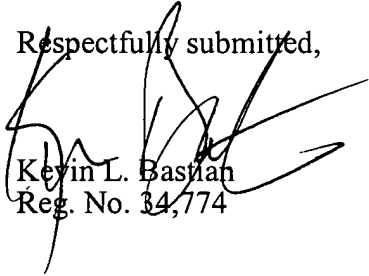
Attached hereto is a marked-up version of the changes made to the Specification by the current Amendment. The attached pages are captioned **"VERSION WITH MARKINGS TO SHOW CHANGES MADE"**.

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PATENT

If the Examiner believes a telephone conference would expedite prosecution of this application, please telephone the undersigned at 415-576-0200.

Respectfully submitted,



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